Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Saturday 25 Dec 2021 until 23:59 on Sunday 26 Dec 2021

Forecast Issued on Friday 24 Dec 2021 at 10:29

Confidence: Medium for the Christmas day detail with poor conditions currently expected to hold mainly to the south of your area until the evening. Confidence high for an unsettled Boxing day, but lower for the detail of worst of conditions, also for the pattern from Monday.

Headline for Saturday 25 Dec 2021: Mainly dry, bright morning, cloud increasing to bring later light snow. Feeling very cold in summit gale, perhaps severe gale, winds.

Mountain weather hazards on Saturday 25 Dec 2021

Blizzards Low Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Light snow	Light snow	Light snow	Sunny intervals	Sunny intervals	Sunny intervals	Cloudy	Light snow
Precipitation probability							
30%	30%	30%	<05%	<05%	10%	20%	30%

Forecast for Saturday 25 Dec 2021

Weather: Turning rather cloudy overnight bringing some patchy light rain, sleet and snow. Most staying dry through daylight hours of Christmas, with brightness best across the north and during morning. Gradually cloud thickening and lowering from the south through the afternoon to bring a showery area of snow, and perhaps freezing rain, for the evening.

Chance of cloud free mountain/hill tops above 600m: 90% by day becoming 70% early evening, 40% by midnight.

Visibility: Good or very good, becoming moderate to very poor in rain, snow, sleet, also only a few metres in hill fog with bases by day largely well broken and above the summits, lowering more generally to 600m late evening.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Met Office Mountain Weather Forecast

Forecast for Saturday 25 Dec 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	18/29 E	19/30 E	23/35 E	23/36 E	24/38 E	24/38 E	24/38 E	24/39 E	24/38 E
300	16/32 E	16/32 E	17/35 E	18/36 E	19/37 E	19/38 E	18/37 E	18/37 E	17/36 E
Valley	14/30 E	14/31 E	18/37 E	18/38 E	20/40 E	20/41 E	21/42 E	21/43 E	21/43 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-0/-7	-1/-7	-1/-8	-1/-9	-2/-10	-2/-11	-3/-11	-3/-11	-3/-11
300	2/-3	2/-4	2/-4	1/-5	1/-5	0/-6	-1/-7	-0/-7	-0/-6
Valley	4/-0	4/-1	4/-2	3/-2	3/-3	2/-4	1/-5	1/-5	2/-5
Freezing Level*	400m	500m	400m	200m	100m	00m	00m	00m	100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Winds gusting to 60 mph across highest and most exposed ridges and summits, combining with low temperatures to bring a severe wind chill effect.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Fri 24 Dec 2021	6.2mm	8mm	8.6mm

Forecast for Sunday 26 Dec 2021

Weather: An overcast day with occasional snow through the morning, which only slowly and erratically turns to rain below around 600m. Precipitation becoming more showery in nature from afternoon, with the bulk of these across western ranges.

Maximum wind: East or southeast initially mean 25-30 mph with gusts 40mph, gradually easing through the day.

Chance of cloud free mountain/hill tops above 600m: 20% becoming 80% for any given time during the afternoon and evening.

Visibility: Becoming moderate to very poor in rain and snow, frequently at first then infrequently in later showers. Also becoming only a few metres in hill fog with bases quite extensive from 450-600m during morning, sporadically so in later showers.

Temperature: **Valleys:** Minus 1 Celsius increasing 6 Celsius during the afternoon
At 600m: Minus 2 Celsius increasing plus 1 later
Freezing level: 100m lifting 700m later

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